

ENERGY

Primary Agencies: Public Utilities Commission (PUC)
Office of Energy and Planning (OEP)

Support Agencies: Department of Safety – Fire Marshal’s Office
Department of Transportation (DOT)

I. Introduction

A. Purpose

To provide a coordinated response in the restoration of energy services in a disaster area in order to save lives and protect health, safety and property, and to carry out other emergency response functions.

B. Scope

Energy involves the provision of emergency power and fuel to support the immediate response activities within the disaster area as well as providing power and fuel to normalize community functions. The scope of the activities will include:

1. **Assessing** energy system damage, energy supply, demand, and requirements to restore such systems.
2. **Assisting** State agencies and local governments to obtain emergency fuel for transportation, communications, and emergency operations.
3. **Provide** assistance to energy suppliers in obtaining equipment, specialized personnel, and transportation to repair or restore energy systems, if needed.
4. **Administer**, if necessary, statutory authorities for energy priorities and allocations.
5. **Administer** emergency energy information, education, and conservation to the public regarding energy.

II. Concept of Operations

The concept of operations provides information on the overall management of this ESF in the event of activation due to a significant disaster causing loss of electrical power or fuel supplies to a large population and/or area of the State.

A. General

1. Energy, following a disaster and once activated, will assess fuel and electrical power damage, energy supply and demand, and assist in identifying requirements for restoration.
2. Energy will coordinate closely with Federal, State, and private utility and fuel industry officials to establish priorities to repair damaged facilities and to coordinate the provision of temporary, alternate, or interim sources of emergency fuel, and power.

B. Organization

1. The functional organization structure of Energy is shown in **Figure 12-1, Functional Organization of Energy**.

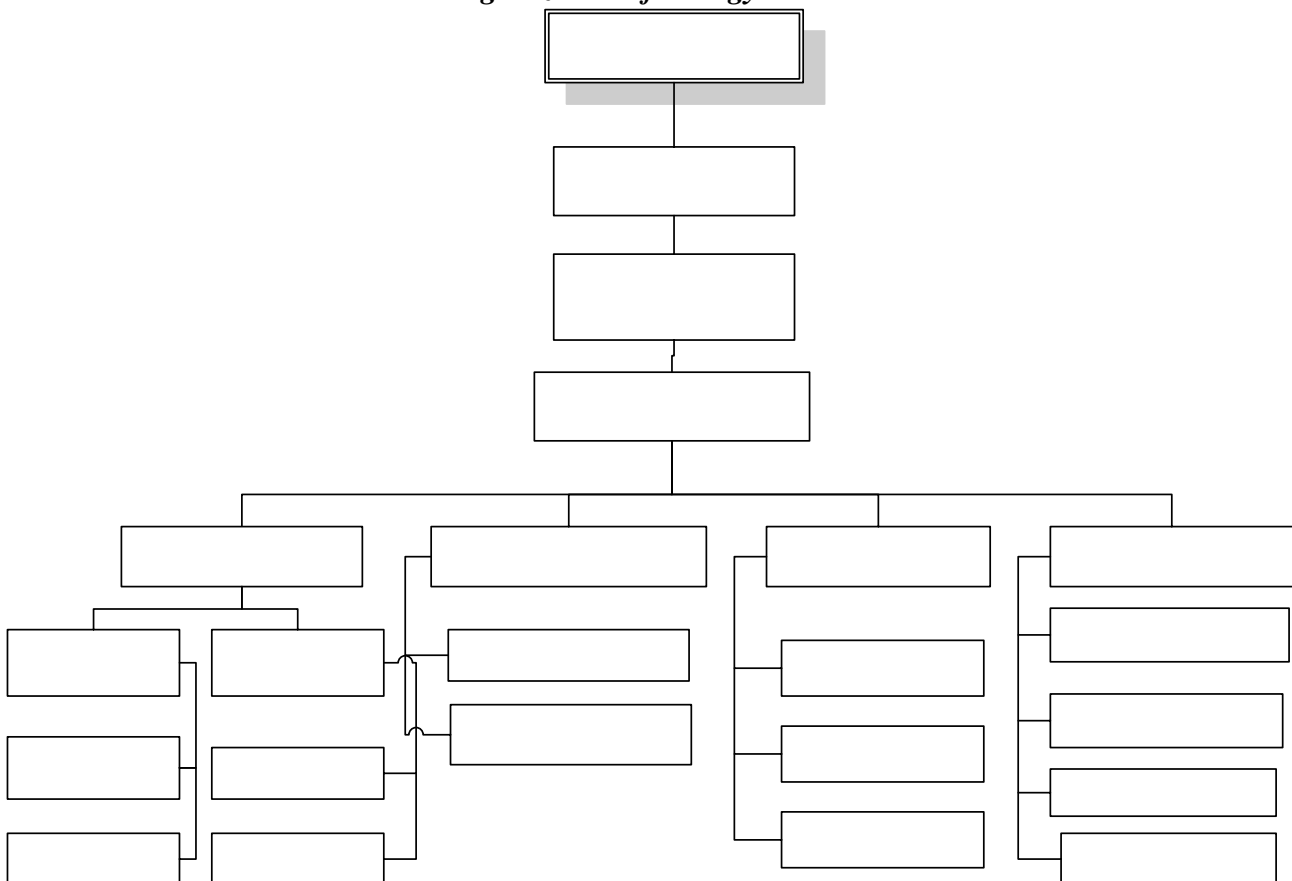


Figure 12-1, Functional Organization of Energy

2. Energy will be composed of an Energy Coordinator (staffed by a PUC representative and/or an OEP representative, dependent upon the nature of the

event), an Assistant, as needed, and State Emergency Operations Center (EOC) support staff, as appropriate.

- a. **Energy Coordinator:** The primary function of this position is to coordinate and manage the responsibilities and functions of Energy, assist in planning activities related to response and recovery actions, and provide staffing requirements.

3. ***Interagency Coordination***

Upon notification of an emergency requiring the activation of the EOC or other significant State response, the primary agency for Energy will brief and consult with designated essential personnel, support agency representatives, and the BEM Director or their designee to implement standard operating procedures/guides (SOPs/SOGs) to provide emergency power and fuel to support the immediate response activities within the disaster area as well as providing power and fuel to normalize community functions. That response may involve:

- a. **Other Emergency Support Functions (ESFs)**
- b. **State Agencies**
- c. **Non-State Agencies**
- d. **Federal Agencies**
- e. **Private Industry**

4. ***Specialized Teams/Units***

State and Federal Safety Inspection Teams assess the integrity of distribution, storage, transmission, and related facilities.

5. ***Operational Facilities/Sites***

- a. Seabrook Emergency Operating Facility (EOF) is also used for oil spills, but no formal agreements are in place.
- b. Utility companies use command posts at the incident site.
- c. Area Work Centers are used by electric utilities during emergencies.

6. ***Energy Infrastructure Components***

- a. Electrical – transmission, distribution, and generation equipment.
- b. Gas – natural, LNG (Liquid Natural Gas), and LP (Liquid Propane).
- c. Steam – generation and distribution.
- d. Pipeline – oil and gas.
- e. Nuclear – Seabrook.
- f. Fuel Terminal – liquid fuels.
- g. Fuel Storage Facilities – liquid fuels.

C. **Notification and Activation**

1. Upon determination by the BEM EOC staff of an impending or actual incident requiring evacuation capabilities or posing a significant threat to New Hampshire's energy infrastructure, the BEM staff will request agency representatives to activate Energy from the EOC.
2. Energy may be activated at the request of an appropriate agency through the BEM when an emergency condition exists and requires the support of Energy.
3. Upon activation, the Energy Coordinator will implement existing operating procedures and support agency notifications as outlined in existing protocols.
4. Deployment of personnel and resources will take place within the framework of the EOC direction and control decision-making process.
5. Once the ESF is operational, the Coordinator will respond to the Governor, BEM Director, or State EOC Operations Officer, as appropriate.

D. Emergency Response Actions

The following, though not mandatory, and not limited to, should be considered for emergency response:

1. As appropriate, activate the State Energy Emergency Response Plan (SEERP).
2. Determine from the *State EOP*, Information & Planning, the energy status of affected areas.
3. Using the information available, determine the possible energy needs for response.
4. Receive and assess requests for energy assistance from local jurisdictions and other State agencies.
5. Provide accurate assessments of energy supplies, demands, and requirements for repair and restorations of energy systems to State EOC staff.
6. As appropriate, assist in assessing priorities for energy restoration.

E. Recovery Actions

Recovery actions will begin at the discretion of the Governor and/or BEM Director. Though two separate sequence frames, it is not expected that the recovery actions for this ESF will differ from the emergency response actions.

F. Deactivation

Deactivation of this ESF will occur when all major energy related issues are resolved and under the authority of the Governor and/or BEM Director. Minor energy related issues might be relinquished to other operational ESFs to complete deactivation.

III. Roles and Responsibilities

A. Co-Primary Agencies

1. ***Public Utilities Commission (PUC) and Office of Energy and Planning (OEP)***
 - a. Coordinate with State agencies and ESFs to identify critical facilities requiring uninterrupted power or priority restoration during emergencies/disasters.
 - b. Establish and maintain a database of critical facilities and development a prioritization restoration procedure to ensure power disruptions in these facilities is kept to a minimum.
 - c. Provide a coordinated response in the restoration of energy services in an emergency/disaster area in order to save lives, protect health, safety and property, and to carry out other emergency response functions.
 - d. Assess fuel and electrical power damage, energy supply and demand, and assist in identifying requirements for restoration.
 - e. Coordinate closely with Federal, State, and private utility and fuel industry officials to establish priorities to repair damaged facilities and coordinate provision of temporary, alternate, or interim sources of emergency fuel and power, as required.
 - f. Coordinate resources, and provide support and agency representatives to Federal agencies, as required, in response to terrorist incidents/attacks.
 - g. OEP assists the Governor and Council in deciding whether to issue a Governor's Declaration of Emergency, and activates the State Energy Emergency Response Plan (SEERP), as required.
 - h. Assist State agencies and local governments to obtain emergency fuel for transportation, communications, and emergency operations.
 - i. Provide assistance to energy suppliers in obtaining equipment, specialized personnel, and transportation to repair or restore energy systems.

- j. Provide assistance with the dissemination of emergency energy information, public education, and conservation information and coordinate with Public Information as needed.
- k. OEP and PUC serve as NH liaison to US DOE, Office of Energy Assurance (OEA) and their national network of Energy Emergency Assurance Coordinators (EEAC). OEP also serves as liaison to the fuels industry, fuels terminals, fuels transportation resources and the US Coast Guard.
- l. Administer statutory authorities for energy priorities and allocations.
- m. Determine the possible energy needs for emergency responders.
- n. Receive and assess requests for energy assistance from local jurisdictions and other State agencies.
- o. Prioritize resource requests and allocations, as needed.
- p. Establish a restoration methodology for prioritization of critical facilities and special needs customers, as needed.
- q. Ensure that an Incident Action Plan is developed for each operational period and that it is coordinated with the EOC Operations Officer and Information and Planning.
- r. Collect and maintain the following ESF status information and coordinate with Information and Planning to ensure inclusion into the Situation Report (SITREP):
 - 1) Status of energy systems (i.e., lines, poles, pipelines, etc.).
 - 2) Status of critical facilities (i.e., power plants, generating stations, gas plants, etc.).
 - 3) Number of residents/businesses without energy.
 - 4) Number of residents/businesses with energy restored.
 - 5) Staffing and resource shortfalls.
 - 6) Major Energy issues/activities.
 - 7) Unmet needs.
 - 8) Status of bulk storage and facilities.
 - 9) In-state and regional energy and fuel supplies.

B. Support Agencies

1. General

- a. Provide operational support and agency resources, where appropriate, in support of the management of Energy.

- b. Provide support to other ESFs, as requested.
- c. Assess the State's energy infrastructure, its capabilities, and available resources.
- d. Provide periodic updates regarding agency activities and/or operations.
- e. Implement interagency agreements, as needed, to support Energy activities/operations.
- f. Document all agency activities, personnel and equipment utilization, and other expenditures.

2. ***Department of Safety – Fire Marshal's Office***

- a. Provide for the safety of energy personnel, equipment, and critical facilities, as necessary.
- b. Provide assistance in mitigating and preventing fire and life safety hazards associated with energy and fuel restorations.

3. ***Department of Transportation (DOT)***

- a. Provides information to the State EOC about the effects of an energy emergency on State highways, roads, and bridges.
- b. Assists Regulated Entities & Facilities (REF) with accessing facilities during response and restoration.
- c. Grant Excavation Permits as necessary for any repairs to utility systems occupying State Highway Rights of Way.
- d. Coordinate the scheduling of Utility System repairs with any transportation system restoration activities in close proximity.
- e. Coordinate the disbursement prioritization of the Department's Fuel Distribution System Assets (Diesel and Gasoline) with the OEP and State EOC.
- f. Provide additional transportation resources and identify or create alternate access routes to affected areas, as needed.

4. ***Utilities***

Provide damage assessment and operational support in the restoration of energy services.

IV. References

A. Plans

1. New Hampshire Planning and Disaster Reference
2. State Energy Emergency Response Plan (SEERP), December 2002
3. The Federal Response Plan, April 1999
4. New Hampshire Radiological Emergency Response Plan (RERP)
5. Revised Statute Annotated (RSA) 266:72A, RSA 365:8 VII, RSA 339:39, RSA 339:40
6. PUC Rules 300, 400, 500, 600, 1100
7. Federal Trucking Regulations
(www.fmcsa.dot.gov/rulesregs/fmcsahome.htm)

B. Standard Operating Procedures/Guides (SOPs/SOGs)

1. Energy Alert and Notification SOG
2. Energy Activation and Deactivation SOG
3. Other Energy Position Checklists

C. Interagency Agreements/Compacts/Mutual Aid Agreements

Gas – New England Gas Association Mutual Aid Agreement

V. Attachments

A. Forms

1. Chronological Event Log
2. Incident Report
3. Status Report
4. Message Form
5. BEM Emergency Shift Change
6. State Agency Emergency Shift Schedule
7. Federal / State Point of Contact Worksheet

Note: All forms are bound separately and are located in the State EOC.